

INTRODUCING zQSFP+ (QSFP28) INTERCONNECTS

- Increase data rates with 2.5 times more throughput
- Support 100 Gbps Ethernet and 100 Gbps Infiniband EDR requirements



TE Connectivity (TE) introduces zQSFP+ (z-Quad Small Form-factor Pluggable Plus) interconnects, offering 2.5 times more throughput than existing solutions at a data transfer rate of 28 Gbps to meet high speed design requirements. The comprehensive product portfolio allows for backwards compatibility with QSFP/QSFP+ cables and transceivers to enable a simple upgrade path from 10 Gbps to 28 Gbps applications. The portfolio also offers a higher loss budget for optics and copper cables at 10 Gbps. The entire zQSFP+ interconnect portfolio of behind and thru bezel cages includes various lightpipe and heat sink options to provide ultimate design flexibility in function, cost savings, and performance.

BENEFITS

- Increase data rates with 2.5 times more throughput than existing solutions at 28 Gbps
- Support 100 Gbps Ethernet and 100 Gbps InfiniBand (IB) Enhanced Data Rate (EDR) requirements , and 128G Fibre Channel and 25G/50G Consortium
- Maintain compatibility with an industry standard interface
- Allow for simple upgrade paths from 10 Gbps with backwards compatibility to QSFP/ QSFP+ cables and transceivers
- Help improve EMI and thermal performance with enhanced cage design
- Enable design flexibility with behind and thru bezel cages providing various lightpipe and heat sink options
- Save space with belly-to-belly mounting options

APPLICATIONS

- Network interface
- Switches
- Servers
- Routers
- Wireless base stations
- Storage and optical transport

ELECTRICAL

- Current Rating: 0.5 Amps maximum per pin
- Maximum Voltage Rating: 30 VDC

MECHANICAL

- Maximum Mating Force: 40N
- Durability (minimum): 250 cycles
- Operating Temperature: -20°C to 65°C

STANDARDS & SPECIFICATIONS

- 100 Gbps (4x28 Gbps) Ethernet standard
- 100 Gbps Infiniband EDR
- SFF-8662

LEARN MORE

[zQSFP+ Interconnects Overview Page](#)
[zQSFP+ Interconnects Quick Reference Guide](#)
[zQSFP+ Press Release](#)
[Pluggable I/O Products Protocol Guide](#)
[Pluggable I/O Virtual Sample Kit](#)
[zQSFP+ Video](#)

zQSFP+ is a part of the ZXP® family of connectors and uses ZXP technology. ZXP is a trademark of Molex, LLC.
TE Connectivity and TE connectivity (logo) are trademarks

Insert TE Authorized
Distributor logo here

